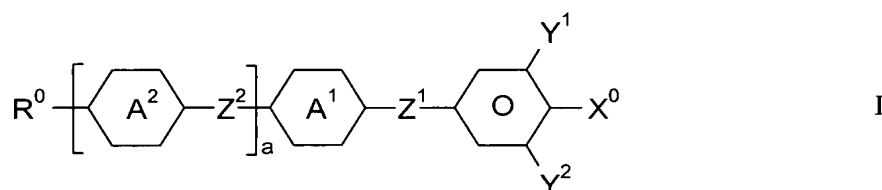


This listing of claims will replace all prior versions, and listings, of claims in the application:

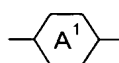
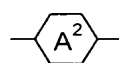
**Listing of Claims:**

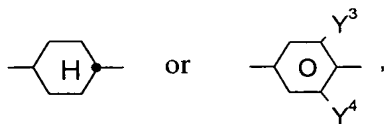
1. (Currently amended) ~~Liquid-crystalline~~ A liquid-crystalline medium having a helically twisted structure comprising a nematic component and an optically active component, ~~characterised in that~~ wherein the optically active component comprises one or more chiral compounds whose helical twisting power and concentration are selected in such a way that the helical pitch of the medium is  $\leq 1 \mu\text{m}$ , and the nematic component comprises at least 75% by weight of one or more compounds containing a 3,4,5-trifluorophenyl group.
  
2. (Currently amended) ~~Liquid-crystalline~~ A liquid-crystalline medium of claim 1 ~~having a helically twisted structure comprising a nematic component and an optically active component, characterised in that the optically active component comprises one or more chiral compounds whose helical twisting power and concentration are selected in such a way that the helical pitch of the medium is  $\leq 1 \mu\text{m}$ , and~~ wherein the nematic component comprises one or more compounds of the formula I



in which

$\text{R}^0$  denotes H or an alkyl or alkenyl radical having 1 to 20 C atoms which is unsubstituted, monosubstituted by CN or  $\text{CF}_3$  or at least monosubstituted by halogen, where, in addition, one or more  $\text{CH}_2$  groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -CO-O-, -O-CO-, -O-CO-O-, -CH=CH- or -C $\equiv$ C- in such a way that O atoms are not linked directly to one another,

 and  each, independently of one another, denote



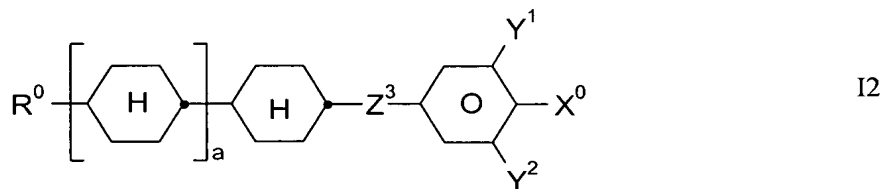
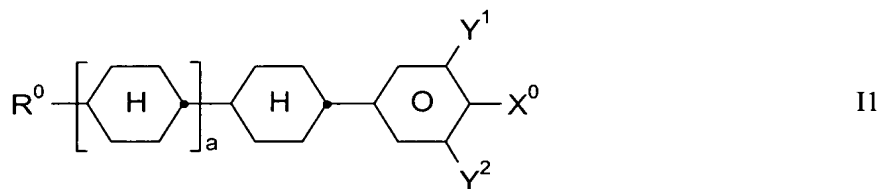
$Y^1$  to  $Y^4$  each, independently of one another, denote H or F,

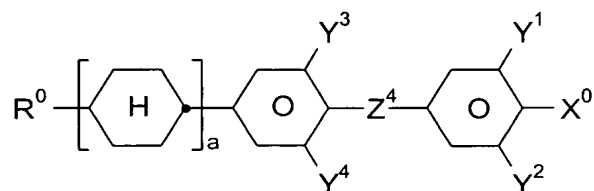
$Z^1$  and  $Z^2$  each, independently of one another, denote -O-, -S-, -CO-, -COO-, -OCO-, -S-CO-, -CO-S-, -OCH<sub>2</sub>-, -CH<sub>2</sub>O-, -SCH<sub>2</sub>-, -CH<sub>2</sub>S-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CF<sub>2</sub>S-, -SCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CF<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>CF<sub>2</sub>-, -CH=CH-, -CF=CH-, -CH=CF-, -CF=CF-, -C≡C- or a single bond,

$X^0$  denotes F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 C atoms, and

$a$  denotes 0 or 1.

3. (Currently amended) ~~Medium~~ A medium according to Claim 2, ~~characterised in that it comprises~~ comprising one or more compounds selected from the following formulae





I3

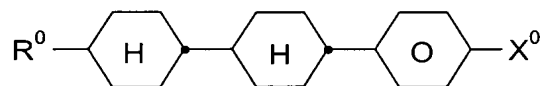
in which  $R^0$ ,  $X^0$ ,  $Y^1$ ,  $Y^2$ ,  $Y^3$ ,  $Y^4$  and  $a$  have the meaning indicated in Claim 2,

$R^0$  — ~~preferably denotes n-alkyl, alkoxy, fluoroalkyl, alkenyl or oxaalkenyl,~~  
~~each having up to 9 C atoms,~~

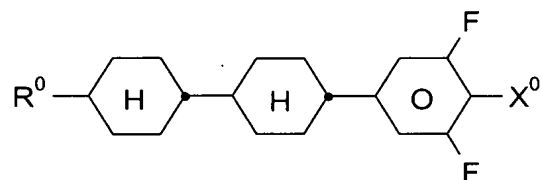
$Z^3$  in each case, independently of one another, denotes COO,  $C_2H_4$ ,  $CF_2O$  or  $C_2F_4$ , and

$Z^4$  in each case, independently of one another, denotes COO,  $CF_2O$ ,  $C_2F_4$  or a single bond.

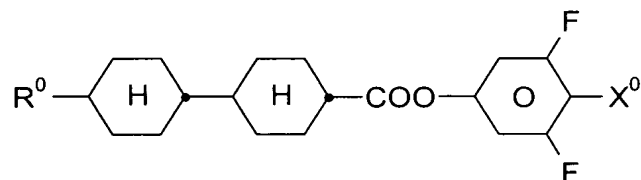
4. (Currently amended) ~~Medium~~ A medium according to Claim 2, ~~characterised~~  
~~in that it comprises~~ comprising one or more compounds selected from the  
 following formula



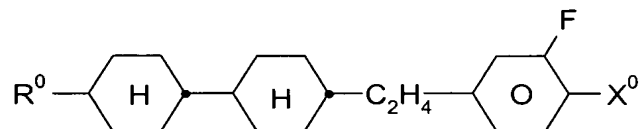
I1a



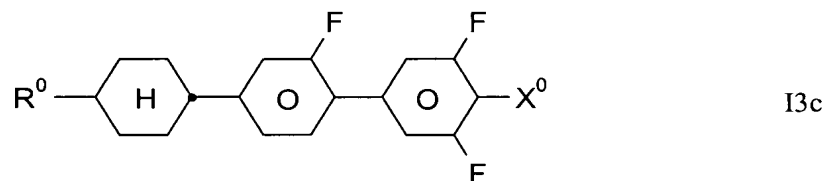
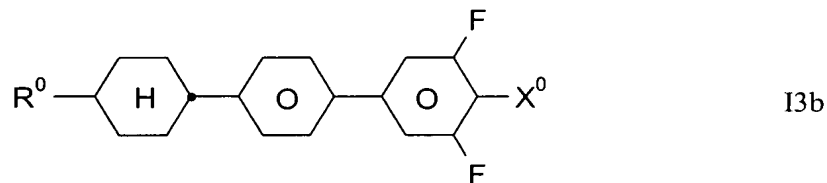
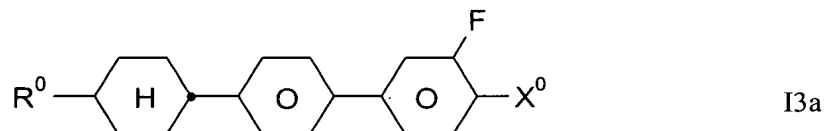
I1b



I2a

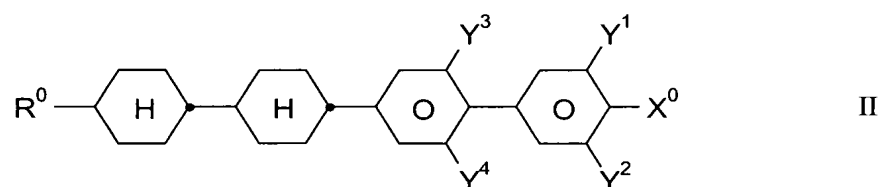


I2k



in which  $R^0$  and  $X^0$  have the meaning indicated in Claim 2, ~~and  $X^0$  in the formula I1a preferably denotes  $OCF_3$ , and in the formulae I1b, I2a, I2k, I3a, I3b and I3c preferably denotes F.~~

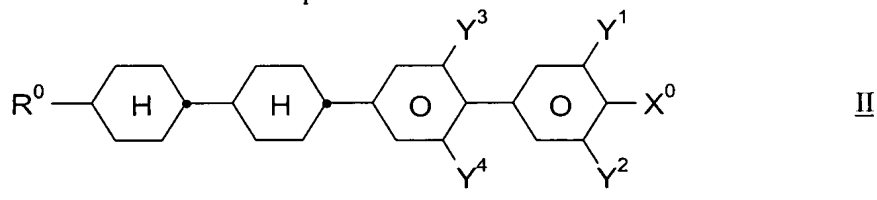
5. (Currently amended) ~~Medium~~ A medium according to Claim 2, ~~characterised in that it comprises~~ further comprising one or more compounds of the following formula



in which  $R^0$ ,  $X^0$ ,  $Y^1$ ,  $Y^2$ ,  $Y^3$  and  $Y^4$  have the meaning indicated in Claim 2.

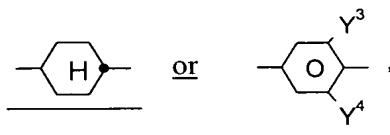
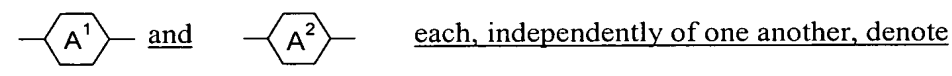
6. (Cancelled)
7. (Currently amended) ~~Medium~~ A medium according to Claim 2 3, ~~characterised in that wherein~~ the nematic component comprises

- 5 to 50% of compounds of the formula I1,
  - 5 to 45% of compounds of the formula I2,
  - 10 to 65% of compounds of the formula I3,
- and
- 3 to 40% of compounds of the formula II



in which

R<sup>0</sup> denotes H or an alkyl or alkenyl radical having 1 to 20 C atoms which is unsubstituted, monosubstituted by CN or CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -CO-O-, -O-CO-, -O-CO-O-, -CH=CH- or -C≡C- in such a way that O atoms are not linked directly to one another,



Y<sup>1</sup> to Y<sup>4</sup> each, independently of one another, denote H or F,

X<sup>0</sup> denotes F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 C atoms.

8. (Currently amended) ~~Medium~~ A medium according to Claim 1, ~~characterised in that it has~~ wherein the medium has a reflection wavelength in the range from 400 to 800 nm.
9. (Currently amended) ~~Medium~~ A medium according to Claim 1, ~~characterised in that it comprises~~ further comprising one or more dyes.
10. (Currently Amended) ~~Use of a medium according to Claim 1 for~~ An electro-optical, laser-optical or nonlinear-optical ~~purposes~~ device comprising a medium according to claim 1.
11. (Currently Amended) ~~Electro-optical~~ An electro-optical liquid-crystal display containing a medium according to Claim 1.
12. (Currently Amended) ~~Electro-optical~~ An electro-optical liquid-crystal display according to Claim 11, ~~characterised in that it~~ that is a cholesteric, SSCT, PSCT or flexoelectric display.
13. (Currently Amended) ~~Electro-optical~~ An electro-optical liquid-crystal display according to Claim 11, ~~characterised in that it~~ that is an active-matrix display.
14. (Currently Amended) ~~Active~~ An active laser material or resonator for laser applications, containing a ~~CLC~~ medium according to Claim 1, wherein said medium is a cholesteric liquid crystal medium.
15. (Currently Amended) ~~Laser~~ A laser arrangement or an active laser material or a resonator therefore containing a medium according to Claim 1 ~~or an active laser material or a resonator therefor.~~
16. (New) A medium according to claim 4, wherein  $X^0$  in the formula I1a denotes  $OCF_3$  and  $X^0$  in the formulae I1b, I2a, I2k, I3a, I3b and I3c denotes F.
17. (New) A medium according to claim 4 2, comprising at least one compound of formula I in which  $X^0$ ,  $Y^1$  and  $Y^2$  denote F, and at least one compound of the formula I in which  $X^0$  denotes Cl,  $CF_3$ ,  $OCF_3$  or  $OCHF_2$ .

18. (New) A medium according to claim + 2, wherein  $Z^1$  and  $Z^2$  denote -COO-, -OCO-, -OCH<sub>2</sub>-, -CH<sub>2</sub>O-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CF<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>CF<sub>2</sub>- or a single bond.
19. (New) A medium according to Claim 2, wherein the nematic component comprises one or more compounds of formula I, wherein  $Y^1$ ,  $Y^2$  and  $X^0$  are fluoro, as compounds containing a 3,4,5 -trifluorophenyl group.
20. (New) A medium according to claim 3, wherein  $R^0$  is n-alkyl, alkoxy, fluoroalkyl, alkenyl or oxaalkenyl, each having up to 9 C atoms.